BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE
Office of the Executive Engineer, Dasarahalli Division
Schedule-B

NAME OF THE WORK: Improvements to roads and drain at 18th A cross Bagalagunte in Bagalagunte in ward no. 14

Sl. No	Description of work	Unit	Qty	Rate Quoted by Contractor Sri L.Raghunandan	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork excavation by manual means in Hard involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per the direction of Engineer-in-charge of the work.	Cum	456.00	212.25	Rupees Two Hundred Twelve and Twenty Five Paise Only
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	Cum	68.40	5380.25	Rupees Five Thousand Three Hundred Eighty and Twenty Five Paise Only
3	Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed 2008 - i) Upto 5 m height: complete as per the direction of Engineer-in-charge of the work.	Cum	153.90	7263.23	Rupees Seven Thousand Two Hundred Sixty Three and Twenty Three Paise Only
4	Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Speatotions complete as per specifications complete as per the direction of Engineer-in-charge of the work.	T	12.13	69340.25	Rupees Sixty Nine Thousand Three Hundred Forty and Twenty Five Paise Only
5	Providing and removing centering, shuttering, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications complete as per the direction of Engineer-in-charge of the work.	Sqm	1368.00	324.51	Rupees Three Hundred Twenty Four and Fifty One Paise Only

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6	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per directions of the Enineer-in-charge.	Sqm	342.00	2041.25	Rupees Two Thousand Forty One and Twenty Five Paise Only
7	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per the direction of Engineer-in-charge of the work.	Cum	470.25	178.9	Rupees One Hundred Seventy Eight and Ninety Paise Only
8	Compaction of original ground with maximum of 6 passes Sqm of 8 to 10 tonnes power roller including filling in depression occuring during roiling including cost of all labour, HOM of machinery complete as per, specifications. complete as per the direction of Engineer-in-charge of the work.	Sqm	1045.00	5.52	Rupees Five and Fifty Two Paise Only
9	Construction of granular sub-base by providing Coarse graded cushed stone aggregates of granite / trap / basalt material, speading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications. By mix in place method. ForCoarse graded granular sub-base material as per 400-2 For Grading 1 Material complete as per the direction of Engineer-in-charge of the work.	Cum	156.75	1584.5	Rupees One Thousand Five Hundred Eighty Four and Fifty Paise Only
10	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications complete as per the direction of Engineer-in-charge of the work.	Cum	240.35	1844.12	Rupees One Thousand Eight Hundred Forty Four and Twelve Paise Only
11	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specifications.MORTH Specification No. 502	Sqm	1045.00	28.74	Rupees Twenty Eight and Seventy Four Paise Only

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12	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications.using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-I (80 mm to 100 mm) with 3.3% VG-30 Bitumen complete as per the direction of Engineer-in-charge of the work.	Cum	55.10	5347.12	Rupees Five Thousand Three Hundred Forty Seven and Twelve Paise Only
13	Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications complete as per the direction of Engineer-in-charge of the work.	Sqm	1045.00	12.05	Rupees Twelve and Five Paise Only
14	Providing and laying bituminous concrete with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment,rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications.MOFtTH Specification No. 509using 40-60 TPH capacity H.M.P. with mechanical paver grading I (50-65mm) with 5.2% VG-30 Bitumen complete as per the direction of Engineer-in-charge of the work.	Cum	31.35	7355.9	Rupees Seven Thousand Three Hundred Fifty Five and Ninety Paise Only

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